ORDER NO. KM79709102S3

Service Manual

Supplement-1~2

and Technical Guide

TELEPHONE ANSWERING SYSTEM WITH FACSIMILE

KX-F780AG(for Argentina), **KX-F580LA**(for Latin America)
KX-F580LB(for Brazil), **KX-F780LA**(for Latin America)
KX-F780LB(for Brazil), **KX-F580BR**(for Brazil)

Please file and use this supplement manual together with the original Service Manual for the below models.

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians.
Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

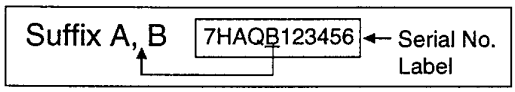
Model No.	Order No.	Sup.No.	Model No.	Order No.	Sup.No.
KX-F780AG	KM79701105A3	2	KX-F780LA	KM79610087A3	1
KX-F580LA	KM79610083A3	1	KX-F780LB	KM79611093A3	1
KX-F580LB	KM79611092A3	1	KX-F580BR	KM79703116A3	1

CHANGES

Subject:

No.	Suffix	Model No.	Reason for suffix change
1	A → B	KX-F580LA KX-F580LB	Change of Software. (ROM Version, E021AF → E021AG)
2	A → B	KX-F580BR	Change of Power cord

Suffix location: (Example)



Panasonic

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KX-F780AG/KX-F580LA/KX-F580LB/ KX-F780LA/KX-F780LB/KX-F580BR

■ REPLACEMENT PARTS LIST

Reason for Change	The following reasons (1-8) are indicated in the note below.
1. Improve performance	1. Part with mark ※1 has been changed at the same time.
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code The following interchangeabilities (V-Z) are indicated in the note below.

Parts	Set Production	Description
V Original / New	Early (before change) / Late (after change))	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
W Original / New	Early (before change) / Late (after change)	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
X Original / New	Early (before change) / Late (after change)	New parts only may be used in early or late production sets. Stock new parts.
Y Original / New	Early (before change) / Late (after change)	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
Z Other		

Part Number

KX-F780AG

Ref. No.	Original Part No.	**New Part No.**	Part Name & Description	Pcs/ Set	Remarks	Notes		Time of change (Suffix)
ACCESSORIES AND PACKING MATERIALS								
A7	PFQX1062Z	**PFQX1120Z**	INSTRUCTION BOOK	1		8	W	
ANALOG BOARD PARTS								
ZD101	MA4180	**ERZV07D121**	VARISTOR	1		1	X	

KX-F580LA, KX-F580LB

Ref. No.	Original Part No.	**New Part No.**	Part Name & Description	Pcs/ Set	Remarks	Notes		Time of change (Suffix)
CABINET, MECHANICAL AND ELECTRICAL PARTS								
59	PFJHS004Z	**PFJHS004Y**	THERMAL HEAD	1		1	W	
DIGITAL BOARD PARTS								
IC2	PFWIF580M	**PFWIF580M1**	IC (ROM)	1		1	X	B
ANALOG BOARD PARTS								
ZD101	MA4180	**ERZV07D121**	VARISTOR	1		1	X	

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KX-F780LA, KX-F780LB

Ref. No.	Original Part No.	New Part No.	Part Name & Description	Pcs/ Set	Remarks	Notes		Time of change (Suffix)
CABINET, MECHANICAL AND ELECTRICAL PARTS								
59	PFJHS004Z	**PFJHS004Y**	THERMAL HEAD	1		1	W	
66–1	PFQT1134Z	**PFQT1218Z**	CAUTION LABEL	1		8	V	
DIGITAL BOARD PARTS								
IC2	PFWIF780M2	**PFWIF780M3**	IC (ROM)	1		1	X	B
ANALOG BOARD PARTS								
ZD101	MA4180	**ERZV07D121**	VARISTOR	1		1	X	
R164	ERJ3GEYJ104	**ERJ3GEY0R00**	CHIP JUMPER, 0Ω	1	※1	8	V	
R165	ERJ3GEYJ103	———		0	※1	6		
R166	ERJ3GEYJ683	**ERJ3GEY0R00**	CHIP JUMPER, 0Ω	1	※1	8	V	
C107	ECEA1CKS221	**ECEA1CU221**	CAPACITOR, 220µF	1		8	V	
C156	ECEA0JKS101	**ECEA1AU101**	CAPACITOR, 100µF	1		8	V	
C161	PQCUV1H105JC	———		0	※1	6		
C162	PQCUV1H105JC	———		0	※1	6		
C185	ECUV1C104KBV	**ECUV1C683KBV**	CAPACITOR, 0.068µF	1		8	V	
C187	ECUV1C104KBV	**ECUV1C683KBV**	CAPACITOR, 0.068µF	1		8	V	
C253	ECEA1HU330	**ECEA1VU330**	CAPACITOR, 33µF	1		8	V	
C255	ECEA1EU101	**ECEA1AU101**	CAPACITOR, 100µF	1		8	V	
SWITCHING POWER SUPPLY BOARD PARTS								
ZNR102	ERZV10DK182U	**ERZV10DK182**	VARISTOR ⚠S	1		7		

KX-F580BR

Ref. No.	Original Part No.	New Part No.	Part Name & Description	Pcs/ Set	Remarks	Notes		Time of change (Suffix)
ACCESSORIES AND PACKING MATERIALS								
A2	PQJA200Z	**PFJA1016Z**	POWER CORD ⚠	1		4	W	B
ANALOG BOARD PARTS								
ZD101	MA4180	**ERZV07D121**	VARISTOR	1		1	X	

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NT(Q)
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